

From: [PETERSON Jenn L](mailto:PETERSON_Jenn_L)
To: [Eric Blischke/R10/USEPA/US@EPA](mailto:Eric_Blischke/R10/USEPA/US@EPA); jeremy_buck@fws.gov; [Joe Goulet/R10/USEPA/US@EPA](mailto:Joe_Goulet/R10/USEPA/US@EPA); [Burt Shephard/R10/USEPA/US@EPA](mailto:Burt_Shephard/R10/USEPA/US@EPA); rgensemer@parametrix.com
Subject: RE: Fish dietary TRVs, and cleaned up water TRVs
Date: 04/01/2008 03:34 PM

I will have limited time to look at the TRVs before I go, but I will do what I can. Are the tissue residue TRVs available for review as well?

-Jennifer

-----Original Message-----

From: Blischke.Eric@epamail.epa.gov
[mailto:Blischke.Eric@epamail.epa.gov]
Sent: Wednesday, March 26, 2008 5:16 PM
To: jeremy_buck@fws.gov; Goulet.Joe@epamail.epa.gov; PETERSON Jenn L; Shephard.Burt@epamail.epa.gov; Robert.Neely@noaa.gov; rgensemer@parametrix.com; sheila@ridolfi.com; jay.field@noaa.gov; howp@critfc.org; jpeers@stratusconsulting.com
Subject: Fw: Fish dietary TRVs, and cleaned up water TRVs

As promised during today's TCT. Please provide comments by the end of next week.

Eric

----- Forwarded by Eric Blischke/R10/USEPA/US on 03/26/2008 05:15 PM -----

"Robert W.
Gensemer"
<rgensemer@parametrix.com>

03/25/2008 02:54 PM

To
Burt Shephard/R10/USEPA/US@EPA
cc
Eric Blischke/R10/USEPA/US@EPA,
David DeForest
<deforest@parametrix.com>, Brad
Hermanson
<BHermanson@parametrix.com>, Joe
Goulet/R10/USEPA/US@EPA, "Robert
W. Gensemer"
<rgensemer@parametrix.com>
Subject
Fish dietary TRVs, and cleaned up
water TRVs

Burt: I'm attaching our work on the fish dietary TRVs for internal EPA/gov't team review. I'm also attaching a cleaned up version of the water TRV table to include Jennifer's suggestion to put back the dioxin TRV since most dioxins/furans were not adequately/explicitly screened during the SLERA for water.

Our process for the fish dietary TRVs was fairly simple:

1. We focused our effort on reviewing the basis of the new dietary TRVs presented by LWG in attachment G5 of appendix G. That is to say, we did not do a separate or independent literature review for fish dietary TRV studies (which there are not much of anyway).
2. For each, we checked LWG's interpretation of each study against our own interpretations of the same study, or studies we've used in other projects.
3. The notes column info may be a bit lengthy for a final submittal to LWG, but we left it intact from David's narrative so folks doing internal review could see what we were up to.

As you'll see, we agree with all of LWG's attachment G5 TRVs for use in the BERA except for two: TBT and mercury. In both of these cases, basically, we feel the dose level they selected as NOECs should have actually been LOECs, which drives down each TRV by quite a bit.

FYI, we only reviewed TRVs for chemicals that screened in. Only a few metals screened out (As, Pb, Se, Ag, Zn), but given that most of the other TRVs checked out, we did not feel it necessary to check LWG's interpretation of these 5 remaining dietary TRVs. Let us know if you want us to check those to see if any changes might make those chemicals screen back in.

Do you want to distribute for internal eco team review, Burt or Eric? Or would you like me to send it around? Let me know, and call with any questions. -Bob

Parametrix
inspired people - inspired solutions - making a difference

Robert W. Gensemer, Ph.D.
Operations Manager

phone: 541.791.1667, x-6510

fax: 541.791.1699

cell: 541.760.1511

rgensemer@parametrix.com

(See attached file: WaterTRVs 24Mar08.doc)(See attached file: BERA Fish
Diet TRVs 25Mar08.doc)